

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 08/252,384A  
Source: 1FW16  
Date Processed by STIC: 10/22/04

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/252,384A

DATE: 10/22/2004

TIME: 11:56:03

Input Set : N:\FATIMA\08252384.txt

Output Set: N:\CRF4\10222004\H252384A.raw

3 <110> APPLICANT: Reactive Surfaces  
 4 McDaniel, C. Steven  
 6 <120> TITLE OF INVENTION: Recombinant Organophosphorus Acid Anhydrase and Methods of Use  
 8 <130> FILE REFERENCE: RACT-00200  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/08/252,384A  
 C--> 11 <141> CURRENT FILING DATE: 2004-06-01  
 13 <150> PRIOR APPLICATION NUMBER: 07/928,540  
 14 <151> PRIOR FILING DATE: 1992-08-13  
 16 <150> PRIOR APPLICATION NUMBER: 08/252,384  
 17 <151> PRIOR FILING DATE: 1994-06-01  
 19 <150> PRIOR APPLICATION NUMBER: 07/344,258  
 20 <151> PRIOR FILING DATE: 1989-04-27  
 22 <160> NUMBER OF SEQ ID NOS: 1  
 24 <170> SOFTWARE: PatentIn version 3.2  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 337  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Pseudomonas aeruginosa  
 31 <400> SEQUENCE: 1  
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 34 1 5 10 15  
 37 Thr Ile Ser Glu Ala Gly Phe Thr Leu Thr His Glu His Ile Cys Gly  
 38 20 25 30  
 41 Ser Ser Ala Gly Phe Leu Arg Ala Trp Pro Glu Phe Phe Gly Ser Arg  
 42 35 40 45  
 45 Lys Ala Leu Ala Glu Lys Ala Val Arg Gly Leu Arg Arg Ala Arg Ala  
 46 50 55 60  
 49 Ala Gly Val Arg Thr Ile Val Asp Val Ser Thr Phe Asp Ile Gly Arg  
 50 65 70 75 80  
 53 Asp Val Ser Leu Leu Ala Glu Val Ser Arg Ala Ala Asp Val His Ile  
 54 85 90 95  
 57 Val Ala Ala Thr Gly Leu Trp Phe Asp Pro Pro Leu Ser Met Arg Leu  
 58 100 105 110  
 61 Arg Ser Val Glu Glu Leu Thr Gln Phe Phe Leu Arg Glu Ile Gln Tyr  
 62 115 120 125  
 65 Gly Ile Glu Asp Thr Gly Ile Arg Ala Gly Ile Ile Lys Val Ala Thr  
 66 130 135 140  
 69 Thr Gly Lys Ala Thr Pro Phe Gln Glu Leu Val Leu Lys Ala Ala Ala  
 70 145 150 155 160  
 73 Arg Ala Ser Leu Ala Thr Gly Val Pro Val Thr Thr His Thr Ala Ala  
 74 165 170 175  
 77 Ser Gln Arg Asp Gly Glu Gln Gln Ala Ile Phe Glu Ser Glu Gly  
 78 180 185 190

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82      195      200      205
85 Leu Ser Tyr Leu Thr Ala Leu Ala Ala Arg Gly Tyr Leu Ile Gly Leu
86      210      215      220
89 Asp His Ile Pro His Ser Ala Ile Gly Leu Glu Asp Asn Ala Ser Ala
90 225      230      235      240
93 Ser Ala Leu Leu Gly Ile Arg Ser Trp Gln Thr Arg Ala Leu Leu Ile
94      245      250      255
97 Lys Ala Leu Ile Asp Gln Gly Tyr Met Lys Gln Ile Leu Val Ser Asn
98      260      265      270
101 Asp Trp Leu Phe Gly Phe Ser Ser Tyr Val Thr Asn Ile Met Asp Val
102      275      280      285
105 Met Asp Arg Val Asn Pro Asp Gly Met Ala Phe Ile Pro Leu Arg Val
106      290      295      300
109 Ile Pro Phe Leu Arg Glu Lys Gly Val Pro Gln Glu Thr Leu Ala Gly
110 305      310      315      320
113 Ile Thr Val Thr Asn Pro Ala Arg Phe Leu Ser Pro Thr Leu Arg Ala
114      325      330      335
117 Ser

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/08/252,384A

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Input Set : N:\FATIMA\08252384.txt

Output Set: N:\CRF4\10222004\H252384A.raw

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date